



Application Number	10/602,219
Filing Date	6/23/2003
First Named Inventor	TURPEN et al.
Art Unit	1652
Examiner Name	RAMIREZ, Delia M.
Attorney Docket Number	LSBC-0087-CN09B

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			First Named Inventor	TURPEN, et al.	
			Group Art Unit	1652	
			Examiner Name	RAMIREZ, Delia M.	
Sheet	2	of	5	Attorney Docket Number	LSBC-0087-CN09B

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite ¹ No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	r ²
JR		BORK, "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle", <i>Genome Research</i> (2000) 10:398-400	
		BOWIE, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", <i>Science</i> (1990) 247:1306-1310	
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JR		FURBISH, et al., "Uptake and Distribution of Placental Glucocerebrosidase in at Hepatic Cells and Effects of Sequential Deglycosylation", <i>Biochemica et biophysica Acta.</i> , (1981) 673:425-434	

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JL		GRABOWSKI, et al., "Expression of Functional Human Acid β -glucosidase in COS-1 and <i>Sporoptera frugiperda</i> Cells", <i>Enzyme</i> , (1989) 41:131-142	
		GRACE, et al., "Analyses of catalytic activity and inhibitor binding of human acid β -glucosidase by site-directed mutagenesis", <i>J. Bio. Chem.</i> (1990) 265:6827-6835	
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		MURRAY, et al., "Production of Recombinant Human Glucocerebrosidase in Plants", <i>Fed. of American Soc. for Experimental Biology</i> , (1996) 10(6):a1126	
JL		PARK, et al., "Structure and nucleotide sequence of tomato HMG2 encoding 3-hydroxy-3-methyl-glutaryl coenzyme A reductase", <i>Plant Mol. Biol.</i> (1992) 20:327-331	

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JR		SCHATZLE, et al., "Molecular Cloning and Characterization of the Structural Gene Coding for the Developmentally Regulated Lysosomal Enzyme, α -Mannosidase, in <i>Dictyostelium discoideum</i> , <i>J. Bio. Chem.</i> (1991) 267(6):4000-4007	
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JR		VON FIGURA and HASILIK, "Lysosomal Enzymes and Their Receptors", <i>Ann. Rev. Biochem.</i> , (1986) 55:167-193	

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jm		WARNER, et al., "Photolabeling of the α -Neuraminidase/ β -Galactosidase Complex from Human Placenta with a Photoreactive Neuraminidase Inhibitor", <i>Biochem. and Biophys. Res. Comm.</i> (1990) 173(1):13-19	
		WEISSENBORN, "HMG-CoA reductase and terpenoid phytoalexins: Molecular specialization within a complex pathway", <i>Physiologia Plantarum</i> , (1995) 93:393-400	
		WELLS, "Additivity of Mutational Effects in Proteins", <i>Biochemistry</i> (1990) 29(37):8509-8517	
jm		WITKOWSKI, et al., "Conversion of a beta-Ketoacyl synthase to a malonyl decarboxylase by replacement of the active-site cysteine with glutamine", <i>Biochemistry</i> (1999) 38:11643-11650	

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
DN		4,921,902	5/1/1990	HALL, et al.	
		5,316,931	5/31/1994	DONSON, et al.	
		5,401,650	3/28/1995	DESNICK, et al.	
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		5,618,699	4/8/1997	HAMAMOTO, et al.	
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		6,042,832	3/28/2000	KOPROWSKI, et al.	
		6,210,666	4/3/2001	MIYAMURA	
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
DN		EP 0174759	3/19/1986	JAMES, et al.		
		EP 0197809	10/15/1986	DELGRANGE, et al.		
		EP 0672754	9/20/1995	HAMAMOTO, et al.		
		EP 0726312	8/14/1996	EKEZE, et al.		
		WO 92/18618	10/29/92	LOMONOSSOFF, et al.		
		WO 95/21248	8/10/1995	FITCHEN, et al.		
		WO 96/02649	2/1/1996	LOMONOSSOFF		
		WO 96/12027	4/25/1996	CHAPMAN, et al.		
		WO 96/12028	4/25/1996	TURPEN, et al.		
		WO 97/10353	3/20/1997	RADIN, et al.		
		WO 97/39134	10/23/1997	WILSON, et al.		
		WO 97/49425	12/31/1997	BEEKMAN, et al.		
DL		WO 99/46288	9/16/1999	GARGER, et al.		

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jm		BAKER, et al., "Polyethylenimine (PEI) is a simple, inexpensive and effective reagent for condensing and linking plasmid DNA to adenovirus for gene delivery", <i>Gene Therapy</i> (1997) 4:773-782	
		DAWSON, et al., "A Tobacco Mosaic Virus-Hybrid Expresses and Loses an Added Gene", <i>Virology</i> (1989) 172:285-292	
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		DONSON, et al., "Systemic expression of bacterial gene by a tobacco mosaic virus-based vector", <i>Proc. Natl. Acad. Sci. USA</i> (1991) 88:7204-7208	
		HAMAMOTO, et al., "A new tobacco mosaic virus vector and its use for the systemic production of angiotensin-I-converting enzyme inhibitor in transgenic tobacco and tomato", <i>Bio/Tech.</i> (1993) 11:930-932	
		HAYNES, et al., "Development of a genetically-engineered, candidate polio vaccine employing the self-assembling properties of the tobacco mosaic virus coat protein", <i>Bio/Tech.</i> (1986) 4:637-641	
		JADADISH, et al., "High level production of hybrid potyvirus-like particles carrying repetitive copies of foreign antigens in <i>Escherichia coli</i> ", <i>Bio/Tech.</i> (1993) 11:1166-1170	
		KORNREICH, et al., Swiss Prot accession number AGAL_HUMAN, January 1988	
		KREBBERS, et al., "Prospects and progress in the production of foreign proteins and peptides in plants", <i>Plant Protein Engineering</i> , Shewry, et al., Eds., Cambridge University Press, Cambridge (1992) pp. 316-324	
		MURRAY, "Lectin-specific targeting of lysosomal enzymes to reticuloendothelial cells", <i>Methods in Enzymology</i> (1987) 149:25, 39, 41-42	
jm		MURRAY, et al., "Production of Recombinant Human Glucocerebrosidase in Plants", <i>Fed. of American Soc. for Experimental Biology</i> , (April 1996) 10(6):a1126 already considered in	in

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DN		TAKAMATSU, et al., "Production of enkephalin in tobacco protoplasts using tobacco mosaic virus RNA vector", <i>FEBS Lett.</i> (1990) 269(1):73-76	
DN		TURPEN, et al., "Malarial epitopes expressed on the surface of recombinant tobacco mosaic virus", <i>Bio/Tech.</i> (1995) 13:53-57	
DN		YUSIBOV, et al., "Antigens produced in plants by infection with chimeric plant viruses immunize against rabies virus and HIV-1", <i>Proc. Natl. Acad. Sci. USA</i> (1997) 94:5784-5788	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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